

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118862.D
 Acq On : 7 Feb 2020 20:36
 Operator : CG/JU
 Sample : L1433-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349

Quant Time: Feb 08 05:32:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	198264	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	727659	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	386706	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	650047	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541248	20.00	ng	-0.01
87) Perylene-d12	15.42	264	636425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1241913	118.57	ng	0.01
7) Phenol-d6	6.45	99	1314110	101.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	1074655	88.03	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	571266	123.46	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2160612	99.88	ng	-0.01
79) Terphenyl-d14	12.92	244	2274539	86.32	ng	-0.01

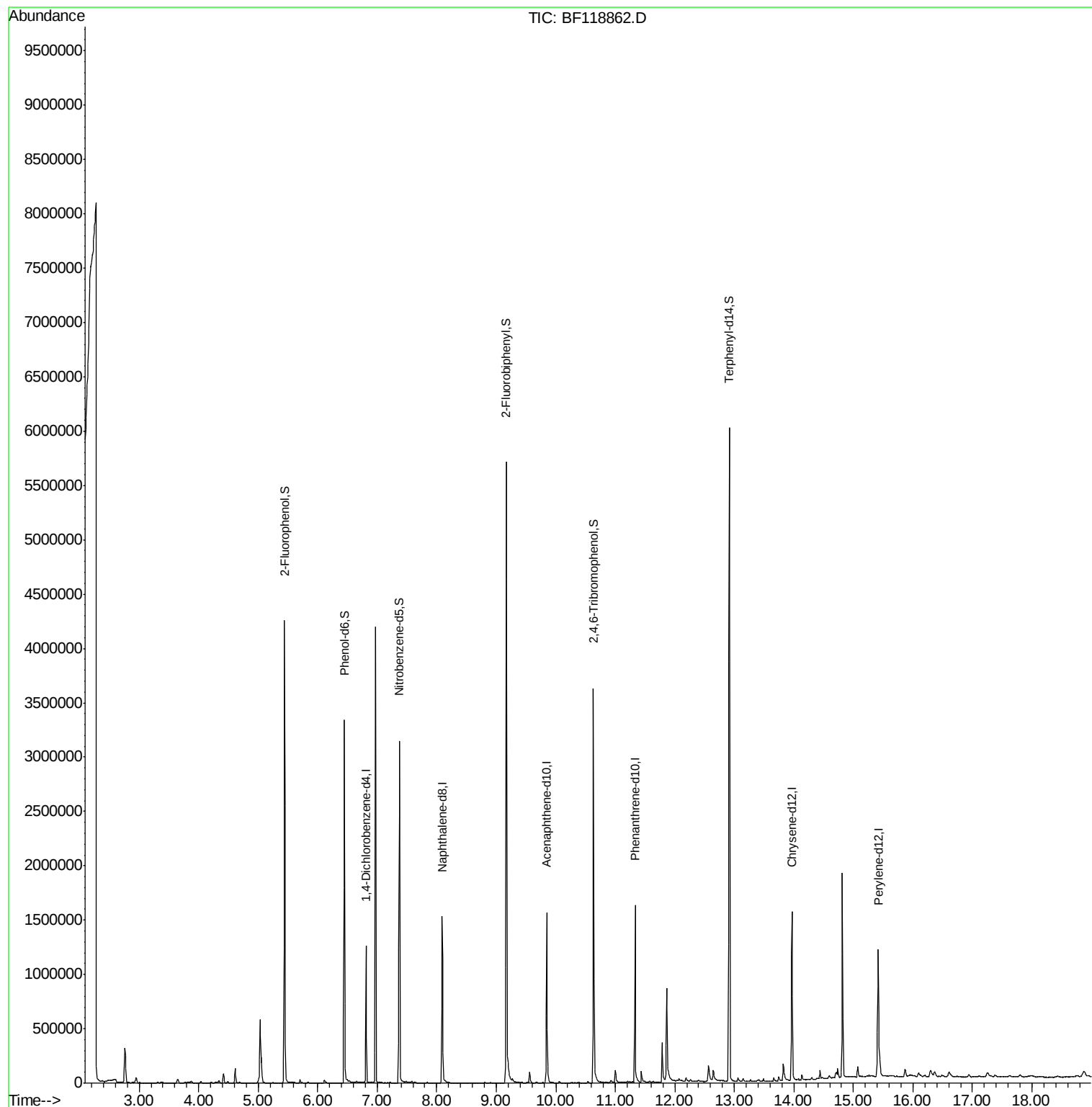
Target Compounds Qvalue

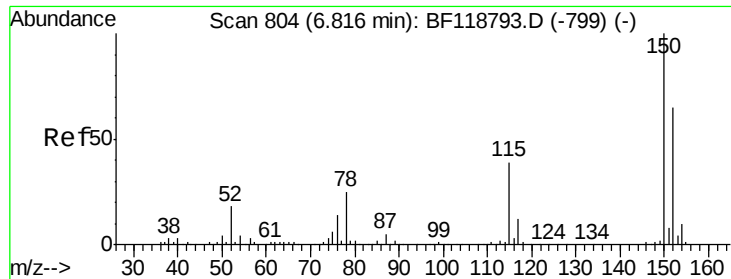
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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349

Quant Time: Feb 08 05:32:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



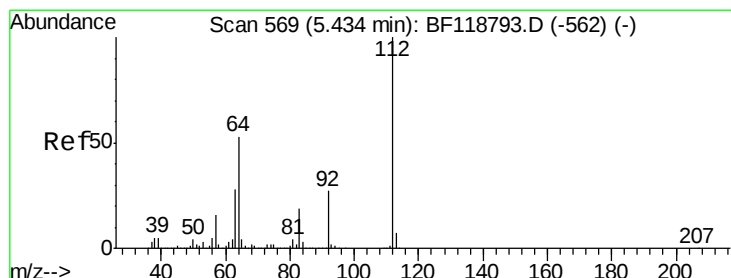
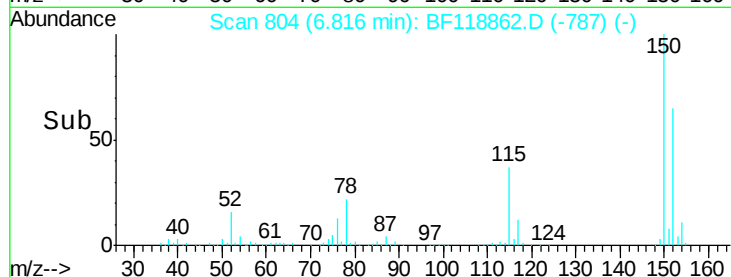
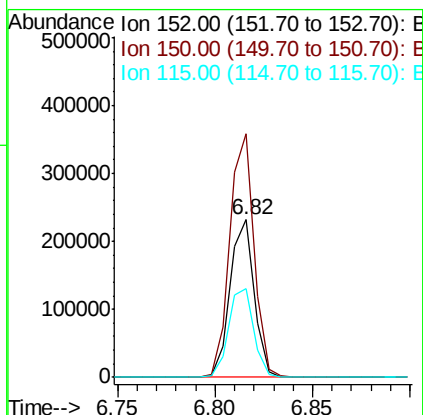
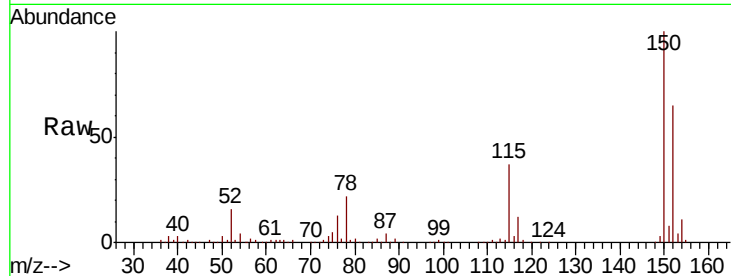


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Instrument :
 BNA_F
 ClientSampleId :
 349

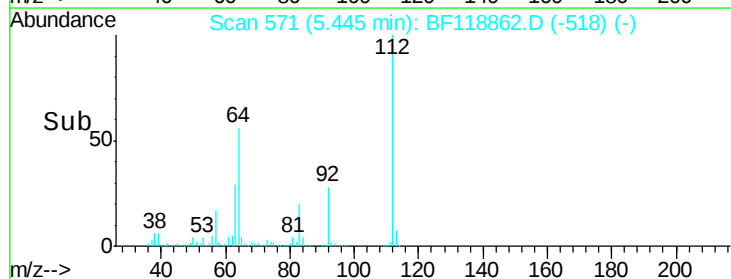
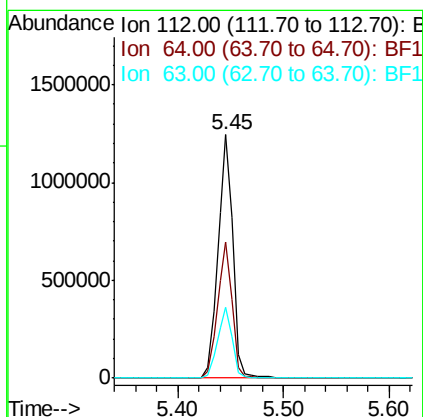
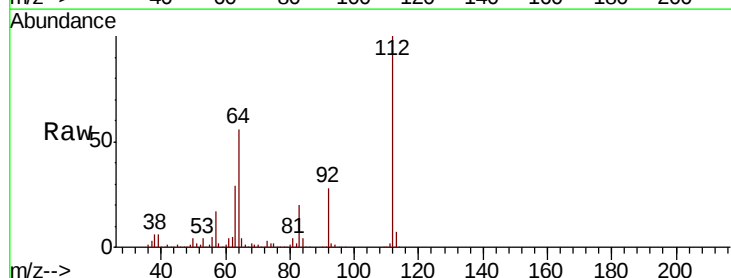
Tot Ion:152 Resp: 198264
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.6 185.4
 115 56.6 48.2 72.2

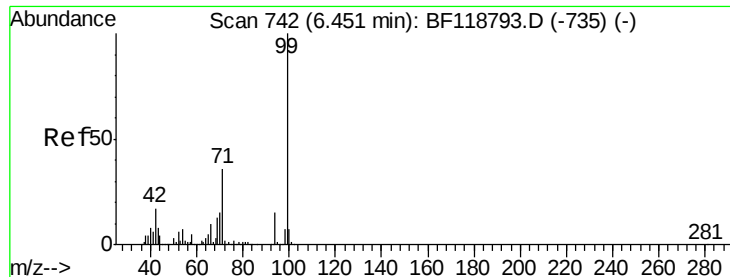


#5

2-Fluorophenol
 Concen: 118.572 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Tgt Ion:112 Resp: 1241913
 Ion Ratio Lower Upper
 112 100
 64 55.9 42.6 63.8
 63 29.0 22.2 33.4





#7

Phenol-d6

Concen: 101.071 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Instrument :

BNA_F

ClientSampleId :

349

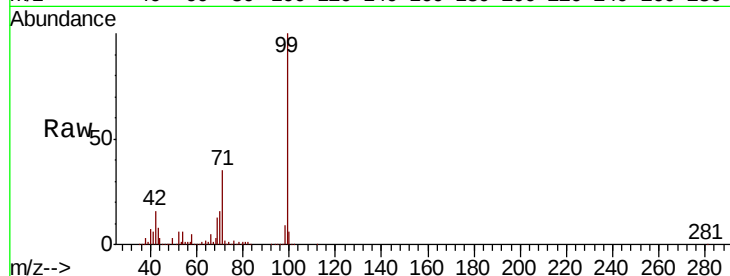
Tot Ion: 99 Resp: 1314110

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.0

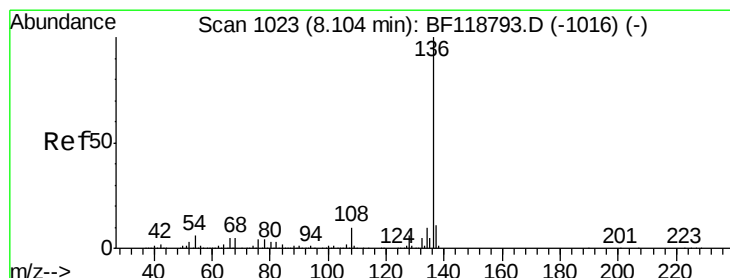
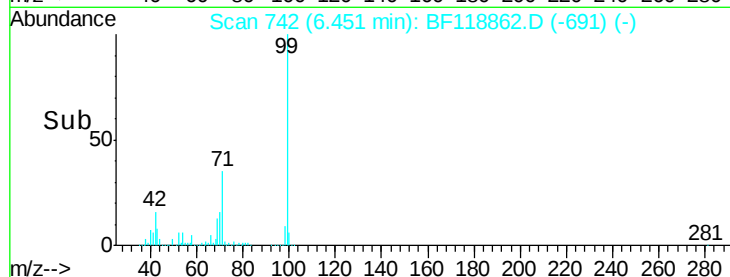
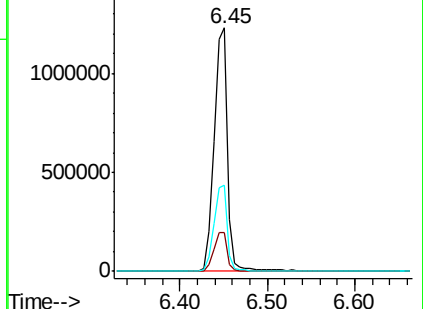
71 35.3 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Tgt Ion: 136 Resp: 727659

Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.0 7.6

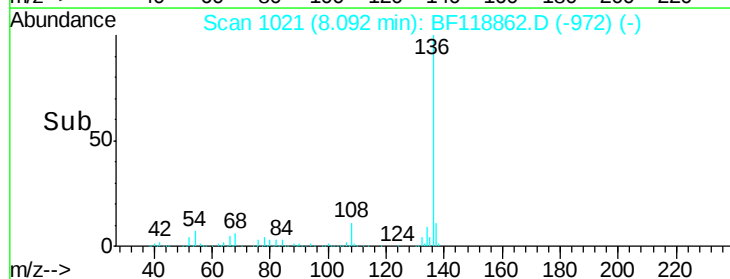
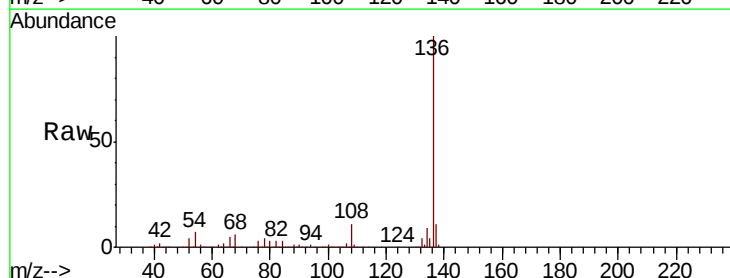
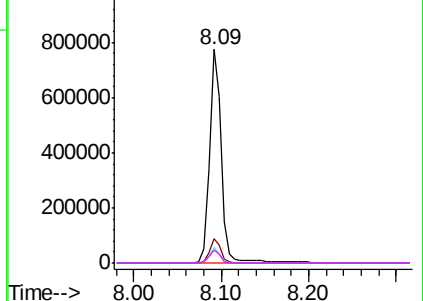
68 5.8 4.2 6.4

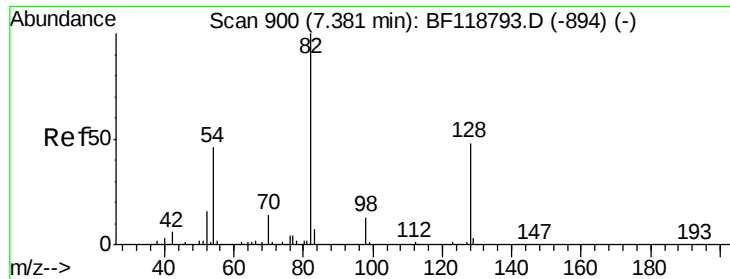
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

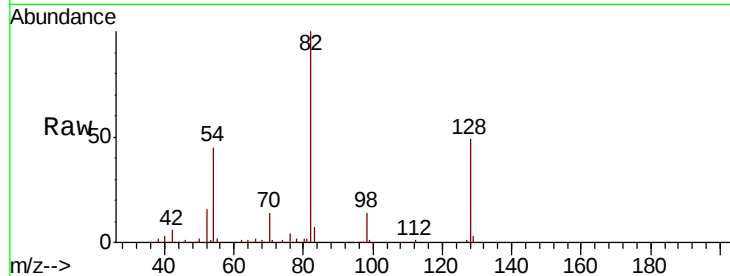




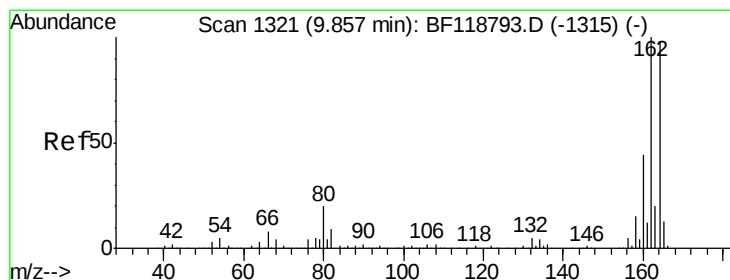
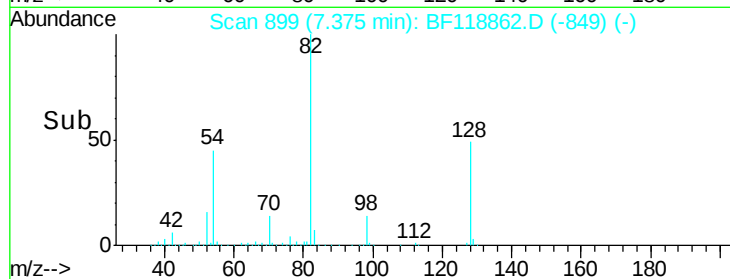
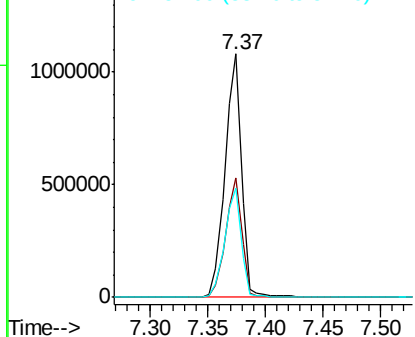
#23
 Nitrobenzene-d5
 Concen: 88.029 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Instrument :
 BNA_F
 ClientSampleID :
 349

Tot Ion: 82 Resp: 1074655
 Ion Ratio Lower Upper
 82 100
 128 49.2 38.5 57.7
 54 45.1 36.7 55.1

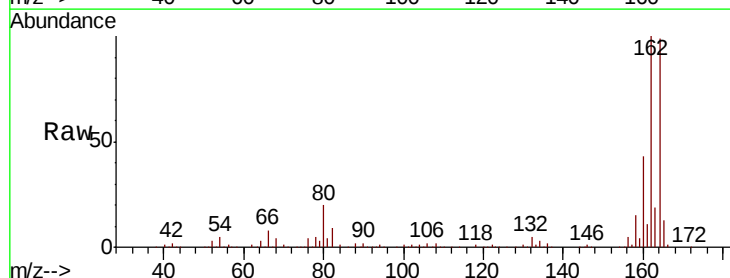


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

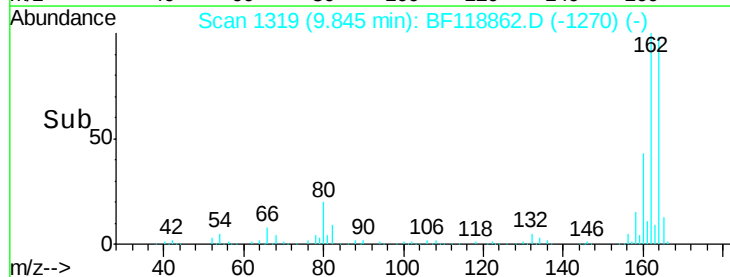
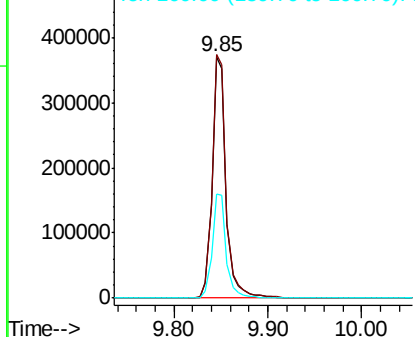


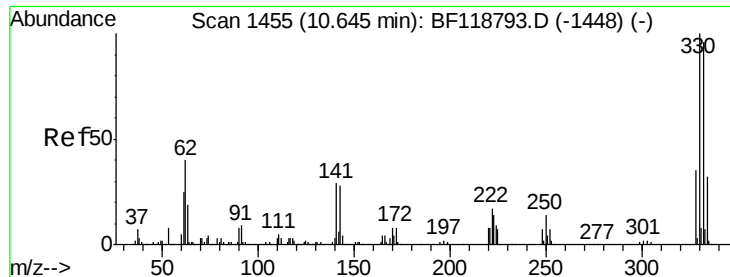
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Tgt Ion: 164 Resp: 386706
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.2
 160 43.3 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

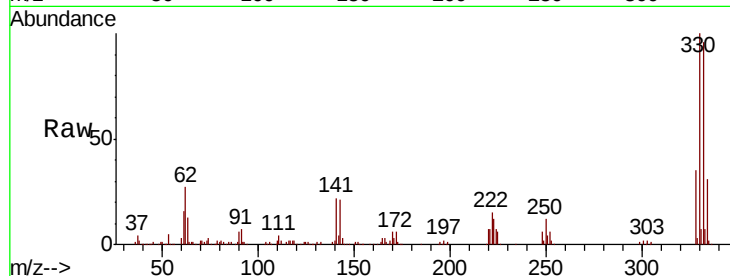




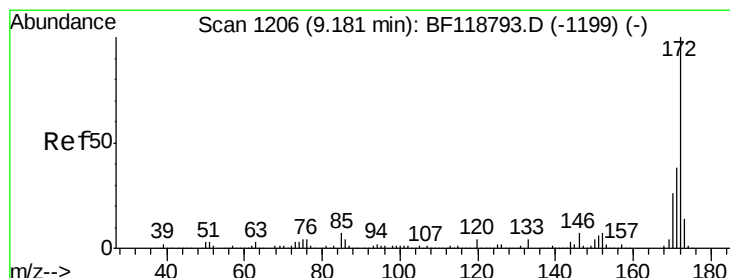
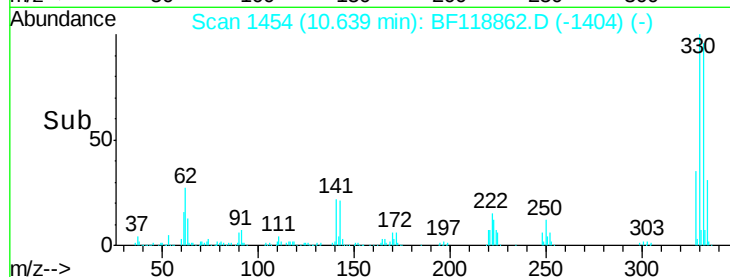
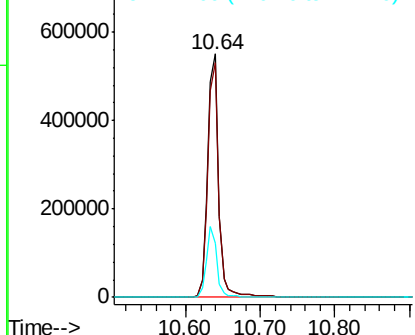
#42
 2,4,6-Tribromophenol
 Concen: 123.462 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Instrument :
 BNA_F
 ClientSampleId :
 349

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	27.7	22.4	33.6

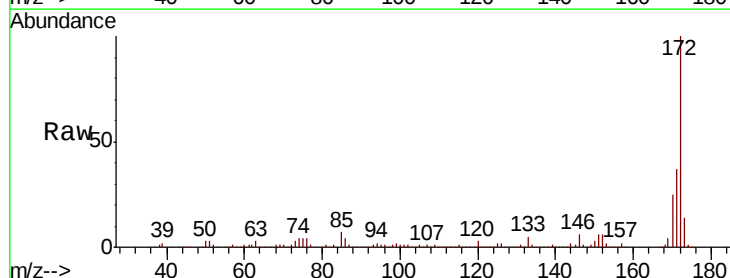


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

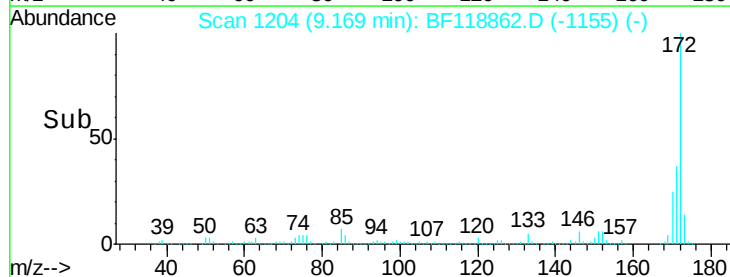
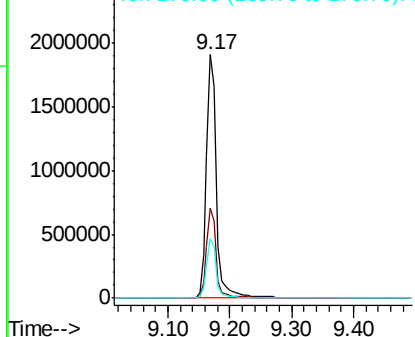


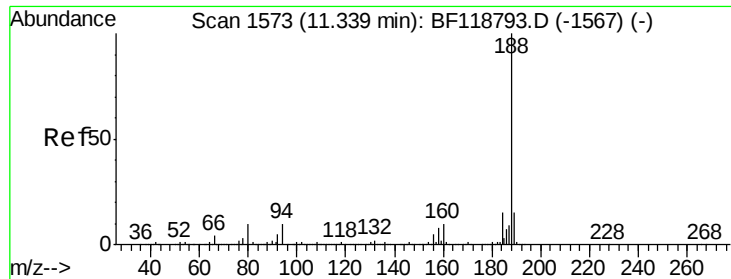
#45
 2-Fluorobiphenyl
 Concen: 99.883 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.5	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

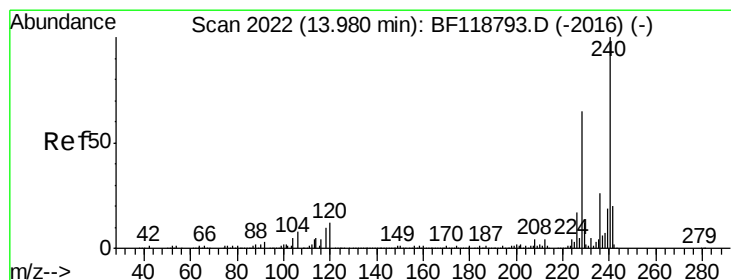
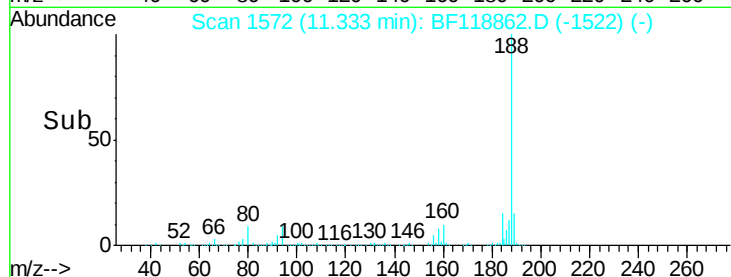
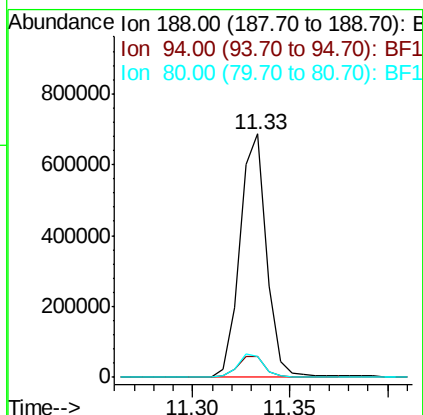
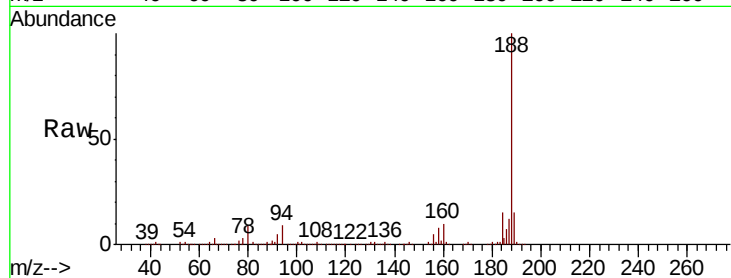




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

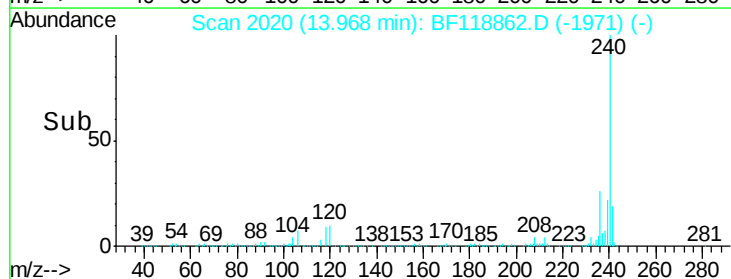
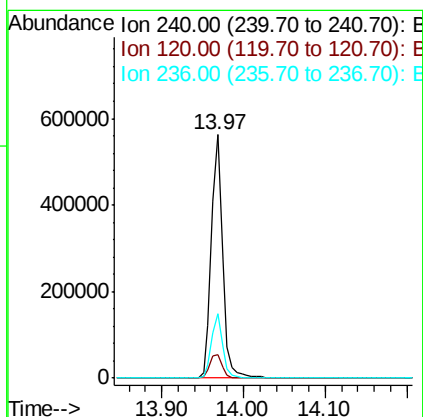
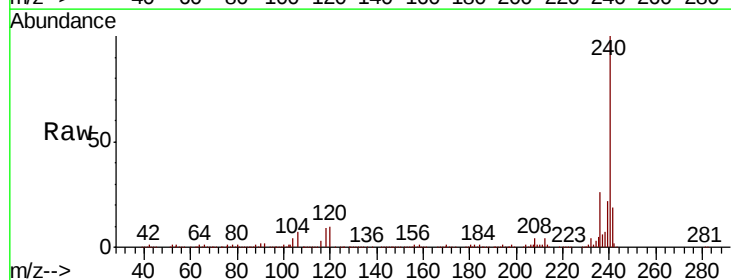
Instrument :
BNA_F
ClientSampleId :
349

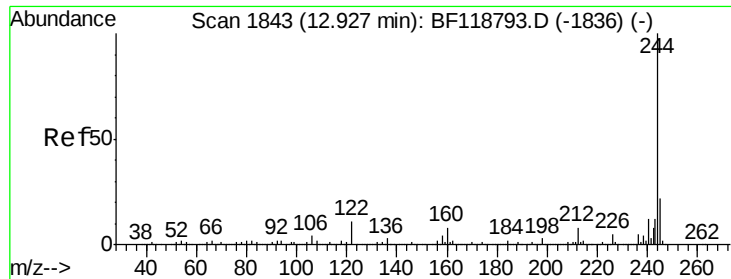
Tot Ion:188 Resp: 650047
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 8.7 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Tgt Ion:240 Resp: 541248
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.0
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 86.319 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Instrument :

BNA_F

ClientSampleId :

349

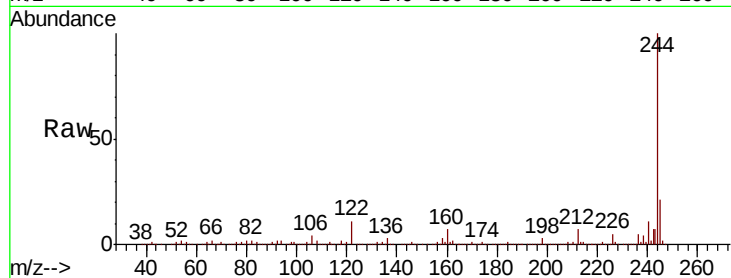
Tot Ion:244 Resp: 2274539

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

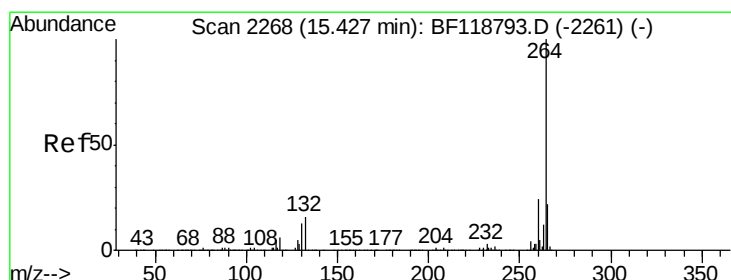
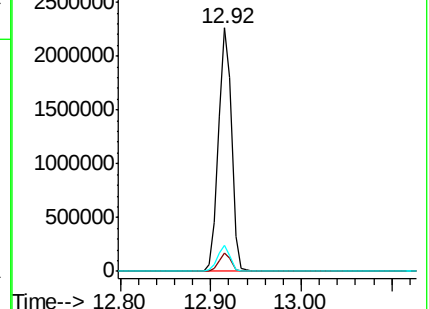
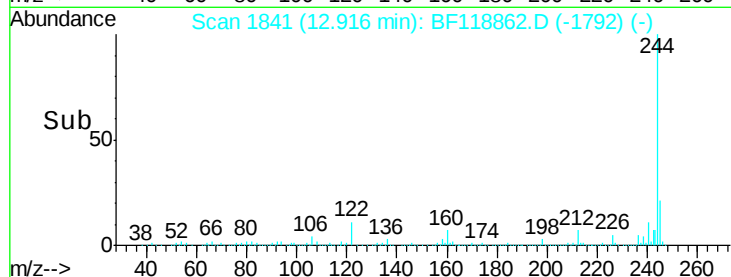
122 10.7 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

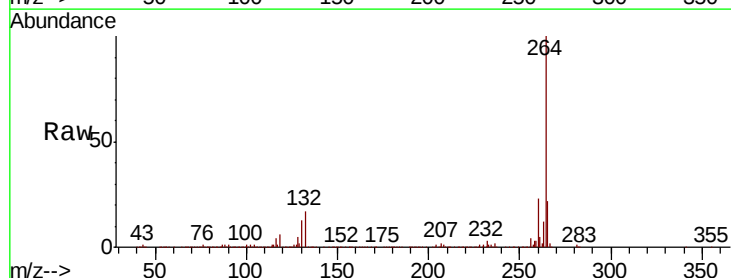
Tgt Ion:264 Resp: 636425

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

